



# Economy Multiband Omnidirectional Antenna

## Model Numbers

- Ant-O\698-2.7k/N(f) Econ (CS03-019-429)
- Ant-O\698-2.7k/4.3-10 Econ (CS03-019-429-02)

## Frequency Range

- 698-960/1710-2700

## Features & Benefits

- Low Cost
- Multiband Design
- Covers CDMA, GSM, DCS, 3G/UMTS, LTE
- In-building coverage



Multiband Omnidirectional Antenna

## Electrical Specifications

Frequency Range	698-960/1710-2700
Polarization	Vertical
Gain (dBi)	1±0.5/5±1.0
Half-power Beam Width	Hor: 360/Ver: 60/30
Impedance (Ω)	50
VSWR	≤2.0/≤1.5
Maximum Input Power (W)	50

Specifications subject to change without notice.

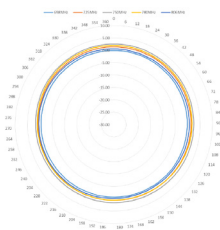
## Mechanical Specifications

Connector	N (f) or 4.3-10 (f)
Size (In)	7.3x3.4
Weight (lb)	0.5
Wind Loading Area (m2)	≤0.2
Rated Wind Velocity (mph)	82
Reflector Material	Aluminum
Radome Material	ABS
Radome Color	White
Operating Temperature (F/C)	-40~131 (-40~55)

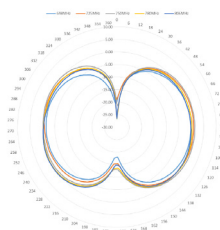
# Economy Multiband Omnidirectional Antenna



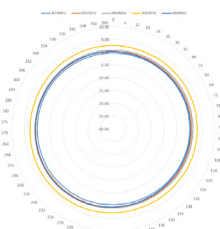
## Sample Antenna Patterns\*



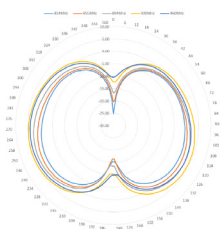
Azimuth Patterns, 698 MHz-806 MHz



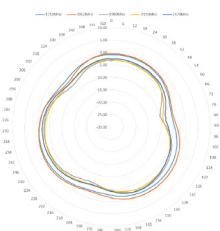
Elevation Patterns, 698 MHz-806 MHz



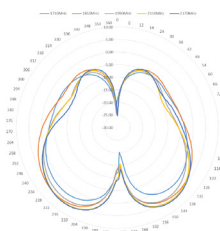
Azimuth Patterns, 824 MHz-960 MHz



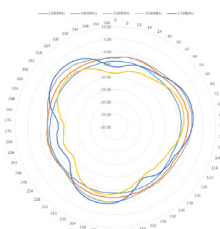
Elevation Patterns, 1710 MHz-2170 MHz



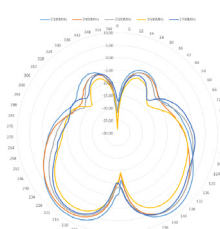
Azimuth Patterns, 2300 MHz-2700 MHz



Elevation Patterns, 2300 MHz-2700 MHz



Azimuth Patterns, 2300 MHz-2700 MHz



Elevation Patterns, 2300 MHz-2700 MHz

\* Additional patterns with enlarged images are available upon request.

